
CDF Operations Report

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Fermilab

CDF Weekly Meeting
July 12, 2007



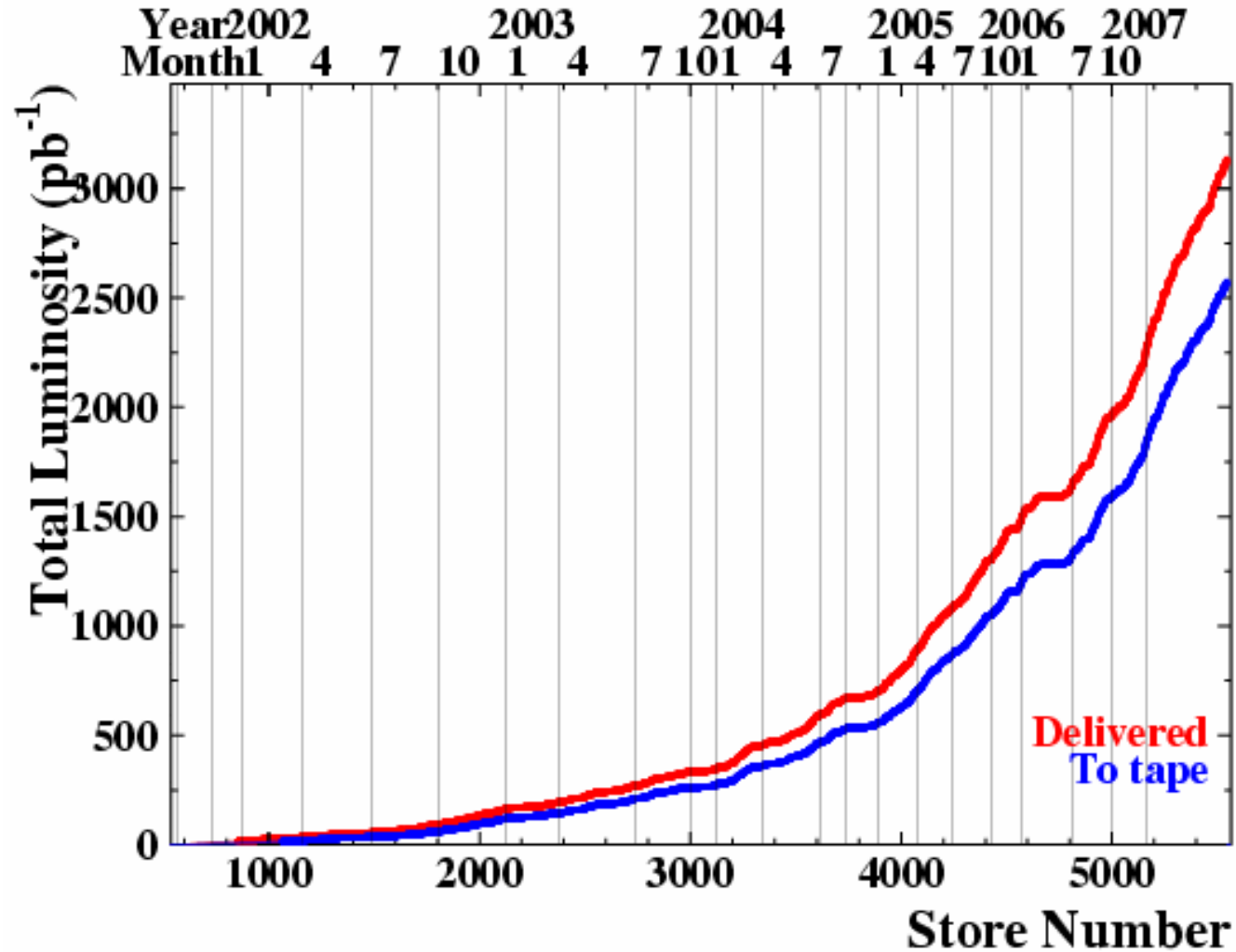
Store Summary (July 5-12)

Store	Start Date	Hours	Init. Lum	Deliv. Lum (pb ⁻¹)	Live Lum (pb ⁻¹)	Good w/SVX (pb ⁻¹)	Comments
5540	7/06 Fri	25.1	186.6	5.30	4.51 85.2%	4.51 85.2%	L2 test, Minor problems
5541	7/06 Fri	20.0	202.5	6.77	5.82 86.0%	5.82 86.0%	CMX HV trip
5542	7/07 Sat	25.1	184.3	6.45	5.36 83.1%	5.36 83.1%	RTserver
5543	7/09 Mon	24.6	147.9	4.62	3.53 76.3%	3.22 69.6%	IP adjustment (CDF at EOS), L2 tests, lost power to L1/L2 rack One run to be checked for XFT
5544	7/10 Tue	18.1	182.3	5.76	5.01 87.0%	4.97 86.3%	L2 tests
5549	7/12 Thu		136.5		94%		ongoing
Total		112.9	180.7	28.89	24.23 83.9%	23.88 82.6%	

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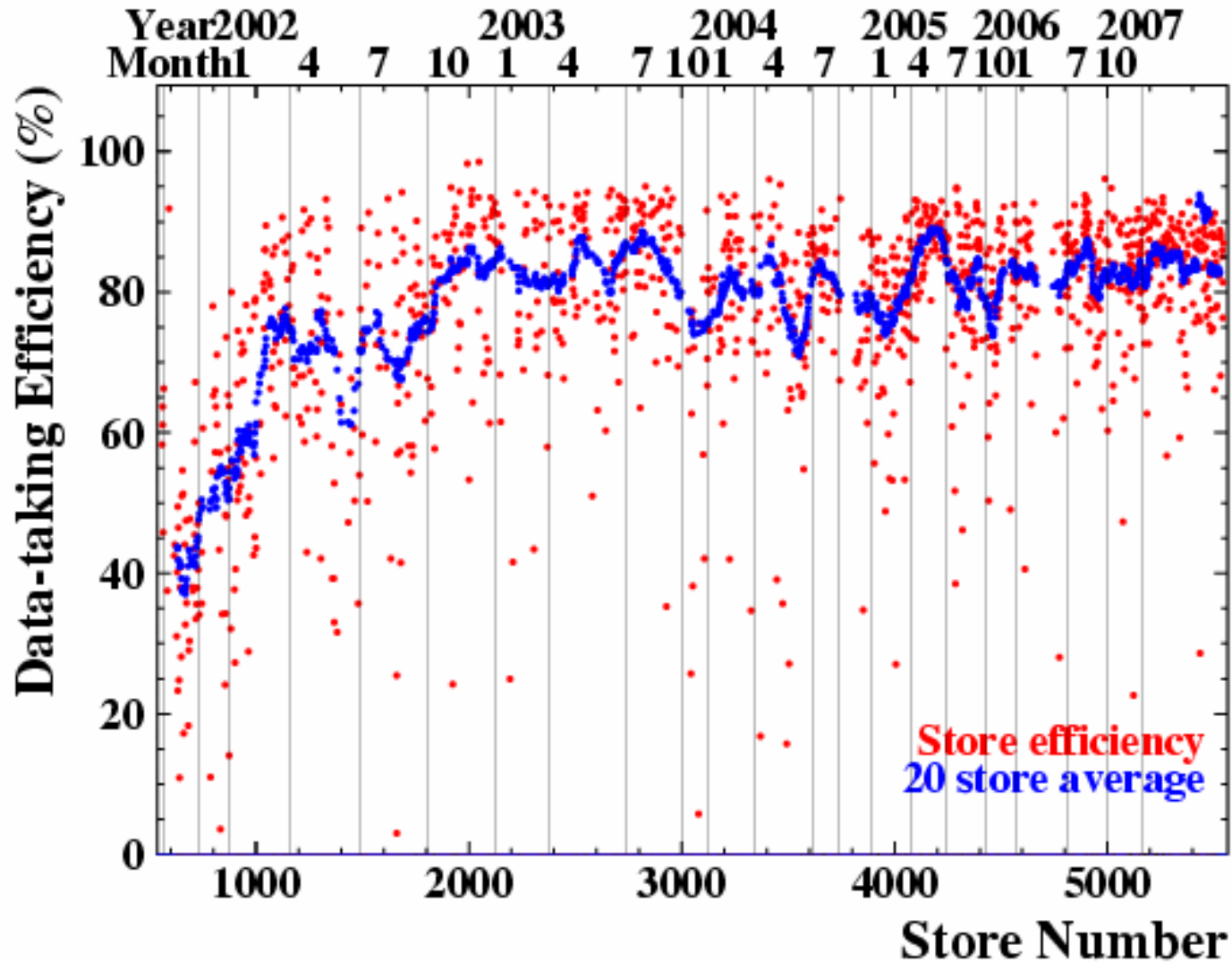
- **2 Controlled accesses on Thu, July 05**
 - Replaced Silicon crate 13 (fan failure)
- **2-shift Supervised access on Wed, July 11**
 - **work in collision hall**
 - Attempted silicon repair (see Peter's talk)
 - Broke and repaired 2 anode boxes for CMX
 - Replaced 4 CCU PS'
 - Replaced fan-pack at CASWT
 - **other work**
 - L2 upgrade tests for XFT
 - fan replacement in rack 22C (L1/L2)
 - blown fuses replaced in b0xft00, 02 and 04 boards
 - Added new EVB tool to faster diagnose Reformatter
 - Fixed problem with quietest mapping function in wcal00...07 crates
 - Work on track list board
- **Work done this week**
 - Lots of L2 upgrade work (trigger table tests, ect.)
 - Fixed problem of large dead time due to wrong pre-scale in "parasitic" L2 program running on the spare PC
- **Upcoming work**
 - **Need to finish Plug sourcing (30% left)**
 - **WHA sourcing (long standing request)**

Store summary...



- **$\sim 2,572.5 \text{ pb}^{-1}$ on tape**
- **Added $\sim 24.2 \text{ pb}^{-1}$ this week**

Data taking efficiency



- **Data taking efficiency for the week is 83.9% (ave 81.8%)**